BBMP

Yelahanka Division
BBMP

Yelahanka Zone
BBMP

# BRUHAT BANGALORE MAHANAGARA PALIKE

## Yelahanka Division

**Rate Analysis for Work Slip and EIRL As Per PWD SR of 2018-19 with Issue Rate as on 02.11.2021.**

**Name of Work:** Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna Collage, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No -03 of Yelahanka New Town Sub Division (PACKAGE NO - 12)

**Work Order No & Date:BBMP/EE/YNK.D/EPMT-08/W.O/115/2021-22, Dt 16-02-2022**

**Agency: M/s. H.Srinivas Reddy**

| Item No | Description | SR | | Item | Basic Rate | Add Difference Cost of Cement Bags | Sub total | AW | Total Rate | Rate as per Tender premium |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Unit | Page No | No | In Rs | In Rs | In Rs | 0.06 | In Rs | (+1.00%) |
| 4 | KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and 0.86cum and fine aggregate @0.58cum over a prepared sub-base,coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1.Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determind during trial length construction,concrete strength not be determinde during trial length costruction, concrete strength not to be less than 10Mpa at 7 days,mixed in a batching plant,transported to site,laid with a paver,compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per spectications. Clause 601 of MORTH V Revision and IS 456 Table-5 , with OPC at 150 kg/cum and coarse aggregate 0.86 cum,fine aggregate 0.58 cum using concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver & Add Difference cost of cement ( (349 - 245.31) x (150/3) = 311.07) | Mtr | 174 | 22.1.2 | 3665.00 | 311.07 | 3976.07 | 238.56 | 4214.63 | 4256.78 |

SCIENCE CONSULTANTS & ENGINEERS * Bangalore-59

| Item No | Description | SR | | Item | Basic Rate | Add Difference Cost of Cement Bags | Sub total | AIW | Total Rate | Rate as per Tender premium |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Unit | Page No | No | In Rs | In Rs | In Rs | 0.06 | In Rs | (+1.00%) |
| 5 | Constructing un-reinforced,plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum,fine aggregates at 0.46 cum,coarse and fine aggregate conforming to IS:383-2016,with Superplastizer at 3 lts conforming to IS 9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design,laid in approved fixed side form work (sreel channel,layning and fixing of 125 micron thick polythene fim, wedges, steel plates including levelling the form work as per drawing). & Speration the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a construction and longitudinal joints,including groove cutting charges,joint filler,separation membrane of impermiable plastic sheet of 125 micron,sealant primer, joint sealant, admixtures as approved, curring compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials,labour,hire charges of machineries , all lead & lift charges etc., complete as per specifications.with OPC AT 360 kg/cum and coarse aggregate 0.69,fineaggregate 0.46cum. ( (349 - 245.31) x (360/50) = 746.57) | Mtr | 176 | 22.6.3 | 4916.00 | 746.57 | 5662.57 | 339.75 | 6002.32 | 6062.35 |
| 12 | Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) | Sqm | Data Rate as per original estimate rate | | | | | | | 4530.86 |
| | **EXTRA ITEMS(EIRL)** | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| | Engineer In-Charge. (Data Rate) | | | | | | | | | |
| | EXTRA ITEMS(EIRL) | | | | | | | | | |

| Item No | Description | SR | | Item | Basic Rate | Add Difference Cost of Cement Bags | Sub total | AW | Total Rate | Rate as per Tender premium |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Unit | Page No | No | In Rs | In Rs | In Rs | 0.06 | In Rs | (+1.00%) |
| E-1 | Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 600mm. dia | Mtr | 254 | 34.6.3 | 3191.00 | | 3191.00 | 191.46 | 3382.46 | 3416.28 |
| E-2 | Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 | Cum | 255 | 34.8.2 | 4596.00 | | 4596.00 | 275.76 | 4871.76 | 4920.48 |
| E-3 | KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 | Sqm | 158 | 21.2 | 5.00 | | 5.00 | 0.30 | 5.30 | 5.35 |

Assistant Engineer
Yelahanka New Town Sub Division
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